

Global Vertical-cavity Surface Emitting Laser Market Research Report 2017

<https://marketpublishers.com/r/G717F452663WEN.html>

Date: November 2017

Pages: 108

Price: US\$ 2,900.00 (Single User License)

ID: G717F452663WEN

Abstracts

In this report, the global Vertical-cavity Surface Emitting Laser market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report is segmented into several key Regions, with production, consumption, revenue (million USD), market share and growth rate of Vertical-cavity Surface Emitting Laser in these regions, from 2012 to 2022 (forecast), covering

North America

Europe

China

Japan

Southeast Asia

India

Global Vertical-cavity Surface Emitting Laser market competition by top manufacturers, with production, price, revenue (value) and market share for each manufacturer; the top players including

Finisar Corporation

Avago Technologies

JDS Uniphase Corporation

Royal Philips Electronics N.V.

II-VI Incorporated

IQE PLC

Vertilas GmbH

Princeton Optronics

Vixar Inc.

Ultra Communications Inc.

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Single-mode VCSEL

Multimode VCSEL

On the basis of the end users/applications, this report focuses on the status and outlook for major applications/end users, consumption (sales), market share and growth rate for each application, including

Data Communications

Infrared Illumination

Sensing

Pumping

GPS

Others

If you have any special requirements, please let us know and we will offer you the report as you want.

Contents

Global Vertical-cavity Surface Emitting Laser Market Research Report 2017

1 VERTICAL-CAVITY SURFACE EMITTING LASER MARKET OVERVIEW

- 1.1 Product Overview and Scope of Vertical-cavity Surface Emitting Laser
- 1.2 Vertical-cavity Surface Emitting Laser Segment by Type (Product Category)
 - 1.2.1 Global Vertical-cavity Surface Emitting Laser Production and CAGR (%) Comparison by Type (Product Category)(2012-2022)
 - 1.2.2 Global Vertical-cavity Surface Emitting Laser Production Market Share by Type (Product Category) in 2016
 - 1.2.3 Single-mode VCSEL
 - 1.2.4 Multimode VCSEL
- 1.3 Global Vertical-cavity Surface Emitting Laser Segment by Application
 - 1.3.1 Vertical-cavity Surface Emitting Laser Consumption (Sales) Comparison by Application (2012-2022)
 - 1.3.2 Data Communications
 - 1.3.3 Infrared Illumination
 - 1.3.4 Sensing
 - 1.3.5 Pumping
 - 1.3.6 GPS
 - 1.3.7 Others
- 1.4 Global Vertical-cavity Surface Emitting Laser Market by Region (2012-2022)
 - 1.4.1 Global Vertical-cavity Surface Emitting Laser Market Size (Value) and CAGR (%) Comparison by Region (2012-2022)
 - 1.4.2 North America Status and Prospect (2012-2022)
 - 1.4.3 Europe Status and Prospect (2012-2022)
 - 1.4.4 China Status and Prospect (2012-2022)
 - 1.4.5 Japan Status and Prospect (2012-2022)
 - 1.4.6 Southeast Asia Status and Prospect (2012-2022)
 - 1.4.7 India Status and Prospect (2012-2022)
- 1.5 Global Market Size (Value) of Vertical-cavity Surface Emitting Laser (2012-2022)
 - 1.5.1 Global Vertical-cavity Surface Emitting Laser Revenue Status and Outlook (2012-2022)
 - 1.5.2 Global Vertical-cavity Surface Emitting Laser Capacity, Production Status and Outlook (2012-2022)

2 GLOBAL VERTICAL-CAVITY SURFACE EMITTING LASER MARKET

COMPETITION BY MANUFACTURERS

2.1 Global Vertical-cavity Surface Emitting Laser Capacity, Production and Share by Manufacturers (2012-2017)

2.1.1 Global Vertical-cavity Surface Emitting Laser Capacity and Share by Manufacturers (2012-2017)

2.1.2 Global Vertical-cavity Surface Emitting Laser Production and Share by Manufacturers (2012-2017)

2.2 Global Vertical-cavity Surface Emitting Laser Revenue and Share by Manufacturers (2012-2017)

2.3 Global Vertical-cavity Surface Emitting Laser Average Price by Manufacturers (2012-2017)

2.4 Manufacturers Vertical-cavity Surface Emitting Laser Manufacturing Base Distribution, Sales Area and Product Type

2.5 Vertical-cavity Surface Emitting Laser Market Competitive Situation and Trends

2.5.1 Vertical-cavity Surface Emitting Laser Market Concentration Rate

2.5.2 Vertical-cavity Surface Emitting Laser Market Share of Top 3 and Top 5 Manufacturers

2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL VERTICAL-CAVITY SURFACE EMITTING LASER CAPACITY, PRODUCTION, REVENUE (VALUE) BY REGION (2012-2017)

3.1 Global Vertical-cavity Surface Emitting Laser Capacity and Market Share by Region (2012-2017)

3.2 Global Vertical-cavity Surface Emitting Laser Production and Market Share by Region (2012-2017)

3.3 Global Vertical-cavity Surface Emitting Laser Revenue (Value) and Market Share by Region (2012-2017)

3.4 Global Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.5 North America Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.6 Europe Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.7 China Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.8 Japan Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.9 Southeast Asia Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.10 India Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

4 GLOBAL VERTICAL-CAVITY SURFACE EMITTING LASER SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGION (2012-2017)

4.1 Global Vertical-cavity Surface Emitting Laser Consumption by Region (2012-2017)

4.2 North America Vertical-cavity Surface Emitting Laser Production, Consumption, Export, Import (2012-2017)

4.3 Europe Vertical-cavity Surface Emitting Laser Production, Consumption, Export, Import (2012-2017)

4.4 China Vertical-cavity Surface Emitting Laser Production, Consumption, Export, Import (2012-2017)

4.5 Japan Vertical-cavity Surface Emitting Laser Production, Consumption, Export, Import (2012-2017)

4.6 Southeast Asia Vertical-cavity Surface Emitting Laser Production, Consumption, Export, Import (2012-2017)

4.7 India Vertical-cavity Surface Emitting Laser Production, Consumption, Export, Import (2012-2017)

5 GLOBAL VERTICAL-CAVITY SURFACE EMITTING LASER PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

5.1 Global Vertical-cavity Surface Emitting Laser Production and Market Share by Type (2012-2017)

5.2 Global Vertical-cavity Surface Emitting Laser Revenue and Market Share by Type (2012-2017)

5.3 Global Vertical-cavity Surface Emitting Laser Price by Type (2012-2017)

5.4 Global Vertical-cavity Surface Emitting Laser Production Growth by Type (2012-2017)

6 GLOBAL VERTICAL-CAVITY SURFACE EMITTING LASER MARKET ANALYSIS BY APPLICATION

6.1 Global Vertical-cavity Surface Emitting Laser Consumption and Market Share by Application (2012-2017)

6.2 Global Vertical-cavity Surface Emitting Laser Consumption Growth Rate by

Application (2012-2017)

6.3 Market Drivers and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

7 GLOBAL VERTICAL-CAVITY SURFACE EMITTING LASER MANUFACTURERS PROFILES/ANALYSIS

7.1 Finisar Corporation

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.1.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification

7.1.2.1 Product A

7.1.2.2 Product B

7.1.3 Finisar Corporation Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.1.4 Main Business/Business Overview

7.2 Avago Technologies

7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.2.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification

7.2.2.1 Product A

7.2.2.2 Product B

7.2.3 Avago Technologies Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.2.4 Main Business/Business Overview

7.3 JDS Uniphase Corporation

7.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.3.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification

7.3.2.1 Product A

7.3.2.2 Product B

7.3.3 JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.3.4 Main Business/Business Overview

7.4 Royal Philips Electronics N.V.

- 7.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
- 7.4.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification
 - 7.4.2.1 Product A
 - 7.4.2.2 Product B
- 7.4.3 Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 7.4.4 Main Business/Business Overview
- 7.5 II-VI Incorporated
- 7.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
- 7.5.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification
 - 7.5.2.1 Product A
 - 7.5.2.2 Product B
- 7.5.3 II-VI Incorporated Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 7.5.4 Main Business/Business Overview
- 7.6 IQE PLC
- 7.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
- 7.6.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification
 - 7.6.2.1 Product A
 - 7.6.2.2 Product B
- 7.6.3 IQE PLC Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 7.6.4 Main Business/Business Overview
- 7.7 Vertilas GmbH
- 7.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
- 7.7.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification
 - 7.7.2.1 Product A
 - 7.7.2.2 Product B
- 7.7.3 Vertilas GmbH Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 7.7.4 Main Business/Business Overview

7.8 Princeton Optronics

7.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.8.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification

7.8.2.1 Product A

7.8.2.2 Product B

7.8.3 Princeton Optronics Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.8.4 Main Business/Business Overview

7.9 Vixar Inc.

7.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.9.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification

7.9.2.1 Product A

7.9.2.2 Product B

7.9.3 Vixar Inc. Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.9.4 Main Business/Business Overview

7.10 Ultra Communications Inc.

7.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.10.2 Vertical-cavity Surface Emitting Laser Product Category, Application and Specification

7.10.2.1 Product A

7.10.2.2 Product B

7.10.3 Ultra Communications Inc. Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.10.4 Main Business/Business Overview

8 VERTICAL-CAVITY SURFACE EMITTING LASER MANUFACTURING COST ANALYSIS

8.1 Vertical-cavity Surface Emitting Laser Key Raw Materials Analysis

8.1.1 Key Raw Materials

8.1.2 Price Trend of Key Raw Materials

8.1.3 Key Suppliers of Raw Materials

8.1.4 Market Concentration Rate of Raw Materials

8.2 Proportion of Manufacturing Cost Structure

8.2.1 Raw Materials

8.2.2 Labor Cost

8.2.3 Manufacturing Expenses

8.3 Manufacturing Process Analysis of Vertical-cavity Surface Emitting Laser

9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

9.1 Vertical-cavity Surface Emitting Laser Industrial Chain Analysis

9.2 Upstream Raw Materials Sourcing

9.3 Raw Materials Sources of Vertical-cavity Surface Emitting Laser Major Manufacturers in 2015

9.4 Downstream Buyers

10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

10.1 Marketing Channel

10.1.1 Direct Marketing

10.1.2 Indirect Marketing

10.1.3 Marketing Channel Development Trend

10.2 Market Positioning

10.2.1 Pricing Strategy

10.2.2 Brand Strategy

10.2.3 Target Client

10.3 Distributors/Traders List

11 MARKET EFFECT FACTORS ANALYSIS

11.1 Technology Progress/Risk

11.1.1 Substitutes Threat

11.1.2 Technology Progress in Related Industry

11.2 Consumer Needs/Customer Preference Change

11.3 Economic/Political Environmental Change

12 GLOBAL VERTICAL-CAVITY SURFACE EMITTING LASER MARKET FORECAST (2017-2022)

12.1 Global Vertical-cavity Surface Emitting Laser Capacity, Production, Revenue Forecast (2017-2022)

- 12.1.1 Global Vertical-cavity Surface Emitting Laser Capacity, Production and Growth Rate Forecast (2017-2022)
- 12.1.2 Global Vertical-cavity Surface Emitting Laser Revenue and Growth Rate Forecast (2017-2022)
- 12.1.3 Global Vertical-cavity Surface Emitting Laser Price and Trend Forecast (2017-2022)
- 12.2 Global Vertical-cavity Surface Emitting Laser Production, Consumption, Import and Export Forecast by Region (2017-2022)
 - 12.2.1 North America Vertical-cavity Surface Emitting Laser Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
 - 12.2.2 Europe Vertical-cavity Surface Emitting Laser Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
 - 12.2.3 China Vertical-cavity Surface Emitting Laser Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
 - 12.2.4 Japan Vertical-cavity Surface Emitting Laser Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
 - 12.2.5 Southeast Asia Vertical-cavity Surface Emitting Laser Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
 - 12.2.6 India Vertical-cavity Surface Emitting Laser Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.3 Global Vertical-cavity Surface Emitting Laser Production, Revenue and Price Forecast by Type (2017-2022)
- 12.4 Global Vertical-cavity Surface Emitting Laser Consumption Forecast by Application (2017-2022)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology/Research Approach
 - 14.1.1 Research Programs/Design
 - 14.1.2 Market Size Estimation
 - 14.1.3 Market Breakdown and Data Triangulation
- 14.2 Data Source
 - 14.2.1 Secondary Sources
 - 14.2.2 Primary Sources
- 14.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Vertical-cavity Surface Emitting Laser

Figure Global Vertical-cavity Surface Emitting Laser Production (Units) and CAGR (%) Comparison by Types (Product Category) (2012-2022)

Figure Global Vertical-cavity Surface Emitting Laser Production Market Share by Types (Product Category) in 2016

Figure Product Picture of Single-mode VCSEL

Table Major Manufacturers of Single-mode VCSEL

Figure Product Picture of Multimode VCSEL

Table Major Manufacturers of Multimode VCSEL

Figure Global Vertical-cavity Surface Emitting Laser Consumption (Units) by Applications (2012-2022)

Figure Global Vertical-cavity Surface Emitting Laser Consumption Market Share by Applications in 2016

Figure Data Communications Examples

Table Key Downstream Customer in Data Communications

Figure Infrared Illumination Examples

Table Key Downstream Customer in Infrared Illumination

Figure Sensing Examples

Table Key Downstream Customer in Sensing

Figure Pumping Examples

Table Key Downstream Customer in Pumping

Figure GPS Examples

Table Key Downstream Customer in GPS

Figure Others Examples

Table Key Downstream Customer in Others

Figure Global Vertical-cavity Surface Emitting Laser Market Size (Million USD), Comparison (Units) and CAGR (%) by Regions (2012-2022)

Figure North America Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate (2012-2022)

Figure Europe Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate (2012-2022)

Figure China Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate (2012-2022)

Figure Japan Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate (2012-2022)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate (2012-2022)

Figure India Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate (2012-2022)

Figure Global Vertical-cavity Surface Emitting Laser Revenue (Million USD) Status and Outlook (2012-2022)

Figure Global Vertical-cavity Surface Emitting Laser Capacity, Production (Units) Status and Outlook (2012-2022)

Figure Global Vertical-cavity Surface Emitting Laser Major Players Product Capacity (Units) (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Capacity (Units) of Key Manufacturers (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Capacity Market Share of Key Manufacturers (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Capacity (Units) of Key Manufacturers in 2016

Figure Global Vertical-cavity Surface Emitting Laser Capacity (Units) of Key Manufacturers in 2017

Figure Global Vertical-cavity Surface Emitting Laser Major Players Product Production (Units) (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Production (Units) of Key Manufacturers (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Production Share by Manufacturers (2012-2017)

Figure 2016 Vertical-cavity Surface Emitting Laser Production Share by Manufacturers

Figure 2017 Vertical-cavity Surface Emitting Laser Production Share by Manufacturers

Figure Global Vertical-cavity Surface Emitting Laser Major Players Product Revenue (Million USD) (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Revenue (Million USD) by Manufacturers (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Revenue Share by Manufacturers (2012-2017)

Table 2016 Global Vertical-cavity Surface Emitting Laser Revenue Share by Manufacturers

Table 2017 Global Vertical-cavity Surface Emitting Laser Revenue Share by Manufacturers

Table Global Market Vertical-cavity Surface Emitting Laser Average Price (K USD/Unit) of Key Manufacturers (2012-2017)

Figure Global Market Vertical-cavity Surface Emitting Laser Average Price (K USD/Unit)

of Key Manufacturers in 2016

Table Manufacturers Vertical-cavity Surface Emitting Laser Manufacturing Base Distribution and Sales Area

Table Manufacturers Vertical-cavity Surface Emitting Laser Product Category

Figure Vertical-cavity Surface Emitting Laser Market Share of Top 3 Manufacturers

Figure Vertical-cavity Surface Emitting Laser Market Share of Top 5 Manufacturers

Table Global Vertical-cavity Surface Emitting Laser Capacity (Units) by Region (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Capacity Market Share by Region (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Capacity Market Share by Region (2012-2017)

Figure 2016 Global Vertical-cavity Surface Emitting Laser Capacity Market Share by Region

Table Global Vertical-cavity Surface Emitting Laser Production by Region (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Production (Units) by Region (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Production Market Share by Region (2012-2017)

Figure 2016 Global Vertical-cavity Surface Emitting Laser Production Market Share by Region

Table Global Vertical-cavity Surface Emitting Laser Revenue (Million USD) by Region (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Revenue Market Share by Region (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Revenue Market Share by Region (2012-2017)

Table 2016 Global Vertical-cavity Surface Emitting Laser Revenue Market Share by Region

Figure Global Vertical-cavity Surface Emitting Laser Capacity, Production (Units) and Growth Rate (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Table North America Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Table Europe Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Table China Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Table Japan Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Table Southeast Asia Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Table India Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Consumption (Units) Market by Region (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Consumption Market Share by Region (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Consumption Market Share by Region (2012-2017)

Figure 2016 Global Vertical-cavity Surface Emitting Laser Consumption (Units) Market Share by Region

Table North America Vertical-cavity Surface Emitting Laser Production, Consumption, Import & Export (Units) (2012-2017)

Table Europe Vertical-cavity Surface Emitting Laser Production, Consumption, Import & Export (Units) (2012-2017)

Table China Vertical-cavity Surface Emitting Laser Production, Consumption, Import & Export (Units) (2012-2017)

Table Japan Vertical-cavity Surface Emitting Laser Production, Consumption, Import & Export (Units) (2012-2017)

Table Southeast Asia Vertical-cavity Surface Emitting Laser Production, Consumption, Import & Export (Units) (2012-2017)

Table India Vertical-cavity Surface Emitting Laser Production, Consumption, Import & Export (Units) (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Production (Units) by Type (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Production Share by Type (2012-2017)

Figure Production Market Share of Vertical-cavity Surface Emitting Laser by Type (2012-2017)

Figure 2016 Production Market Share of Vertical-cavity Surface Emitting Laser by Type

Table Global Vertical-cavity Surface Emitting Laser Revenue (Million USD) by Type (2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Revenue Share by Type (2012-2017)

Figure Production Revenue Share of Vertical-cavity Surface Emitting Laser by Type (2012-2017)

Figure 2016 Revenue Market Share of Vertical-cavity Surface Emitting Laser by Type
Table Global Vertical-cavity Surface Emitting Laser Price (K USD/Unit) by Type
(2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Production Growth by Type
(2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Consumption (Units) by Application
(2012-2017)

Table Global Vertical-cavity Surface Emitting Laser Consumption Market Share by
Application (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Consumption Market Share by
Applications (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Consumption Market Share by
Application in 2016

Table Global Vertical-cavity Surface Emitting Laser Consumption Growth Rate by
Application (2012-2017)

Figure Global Vertical-cavity Surface Emitting Laser Consumption Growth Rate by
Application (2012-2017)

Table Finisar Corporation Basic Information, Manufacturing Base, Sales Area and Its
Competitors

Table Finisar Corporation Vertical-cavity Surface Emitting Laser Capacity, Production
(Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Finisar Corporation Vertical-cavity Surface Emitting Laser Production Growth
Rate (2012-2017)

Figure Finisar Corporation Vertical-cavity Surface Emitting Laser Production Market
Share (2012-2017)

Figure Finisar Corporation Vertical-cavity Surface Emitting Laser Revenue Market
Share (2012-2017)

Table Avago Technologies Basic Information, Manufacturing Base, Sales Area and Its
Competitors

Table Avago Technologies Vertical-cavity Surface Emitting Laser Capacity, Production
(Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Avago Technologies Vertical-cavity Surface Emitting Laser Production Growth
Rate (2012-2017)

Figure Avago Technologies Vertical-cavity Surface Emitting Laser Production Market
Share (2012-2017)

Figure Avago Technologies Vertical-cavity Surface Emitting Laser Revenue Market
Share (2012-2017)

Table JDS Uniphase Corporation Basic Information, Manufacturing Base, Sales Area
and Its Competitors

Table JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser Production Growth Rate (2012-2017)

Figure JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser Production Market Share (2012-2017)

Figure JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser Revenue Market Share (2012-2017)

Table Royal Philips Electronics N.V. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser Production Growth Rate (2012-2017)

Figure Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser Production Market Share (2012-2017)

Figure Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser Revenue Market Share (2012-2017)

Table II-VI Incorporated Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table II-VI Incorporated Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure II-VI Incorporated Vertical-cavity Surface Emitting Laser Production Growth Rate (2012-2017)

Figure II-VI Incorporated Vertical-cavity Surface Emitting Laser Production Market Share (2012-2017)

Figure II-VI Incorporated Vertical-cavity Surface Emitting Laser Revenue Market Share (2012-2017)

Table IQE PLC Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table IQE PLC Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure IQE PLC Vertical-cavity Surface Emitting Laser Production Growth Rate (2012-2017)

Figure IQE PLC Vertical-cavity Surface Emitting Laser Production Market Share (2012-2017)

Figure IQE PLC Vertical-cavity Surface Emitting Laser Revenue Market Share (2012-2017)

Table Vertilas GmbH Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Vertilas GmbH Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Vertilas GmbH Vertical-cavity Surface Emitting Laser Production Growth Rate (2012-2017)

Figure Vertilas GmbH Vertical-cavity Surface Emitting Laser Production Market Share (2012-2017)

Figure Vertilas GmbH Vertical-cavity Surface Emitting Laser Revenue Market Share (2012-2017)

Table Princeton Optronics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Princeton Optronics Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Princeton Optronics Vertical-cavity Surface Emitting Laser Production Growth Rate (2012-2017)

Figure Princeton Optronics Vertical-cavity Surface Emitting Laser Production Market Share (2012-2017)

Figure Princeton Optronics Vertical-cavity Surface Emitting Laser Revenue Market Share (2012-2017)

Table Vixar Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Vixar Inc. Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Vixar Inc. Vertical-cavity Surface Emitting Laser Production Growth Rate (2012-2017)

Figure Vixar Inc. Vertical-cavity Surface Emitting Laser Production Market Share (2012-2017)

Figure Vixar Inc. Vertical-cavity Surface Emitting Laser Revenue Market Share (2012-2017)

Table Ultra Communications Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Ultra Communications Inc. Vertical-cavity Surface Emitting Laser Capacity, Production (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Ultra Communications Inc. Vertical-cavity Surface Emitting Laser Production Growth Rate (2012-2017)

Figure Ultra Communications Inc. Vertical-cavity Surface Emitting Laser Production Market Share (2012-2017)

Figure Ultra Communications Inc. Vertical-cavity Surface Emitting Laser Revenue

Market Share (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Vertical-cavity Surface Emitting Laser

Figure Manufacturing Process Analysis of Vertical-cavity Surface Emitting Laser

Figure Vertical-cavity Surface Emitting Laser Industrial Chain Analysis

Table Raw Materials Sources of Vertical-cavity Surface Emitting Laser Major Manufacturers in 2016

Table Major Buyers of Vertical-cavity Surface Emitting Laser

Table Distributors/Traders List

Figure Global Vertical-cavity Surface Emitting Laser Capacity, Production (Units) and Growth Rate Forecast (2017-2022)

Figure Global Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Global Vertical-cavity Surface Emitting Laser Price (Million USD) and Trend Forecast (2017-2022)

Table Global Vertical-cavity Surface Emitting Laser Production (Units) Forecast by Region (2017-2022)

Figure Global Vertical-cavity Surface Emitting Laser Production Market Share Forecast by Region (2017-2022)

Table Global Vertical-cavity Surface Emitting Laser Consumption (Units) Forecast by Region (2017-2022)

Figure Global Vertical-cavity Surface Emitting Laser Consumption Market Share Forecast by Region (2017-2022)

Figure North America Vertical-cavity Surface Emitting Laser Production (Units) and Growth Rate Forecast (2017-2022)

Figure North America Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table North America Vertical-cavity Surface Emitting Laser Production, Consumption, Export and Import (Units) Forecast (2017-2022)

Figure Europe Vertical-cavity Surface Emitting Laser Production (Units) and Growth Rate Forecast (2017-2022)

Figure Europe Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Europe Vertical-cavity Surface Emitting Laser Production, Consumption, Export and Import (Units) Forecast (2017-2022)

Figure China Vertical-cavity Surface Emitting Laser Production (Units) and Growth Rate Forecast (2017-2022)

Figure China Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table China Vertical-cavity Surface Emitting Laser Production, Consumption, Export and Import (Units) Forecast (2017-2022)

Figure Japan Vertical-cavity Surface Emitting Laser Production (Units) and Growth Rate Forecast (2017-2022)

Figure Japan Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Japan Vertical-cavity Surface Emitting Laser Production, Consumption, Export and Import (Units) Forecast (2017-2022)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser Production (Units) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Southeast Asia Vertical-cavity Surface Emitting Laser Production, Consumption, Export and Import (Units) Forecast (2017-2022)

Figure India Vertical-cavity Surface Emitting Laser Production (Units) and Growth Rate Forecast (2017-2022)

Figure India Vertical-cavity Surface Emitting Laser Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table India Vertical-cavity Surface Emitting Laser Production, Consumption, Export and Import (Units) Forecast (2017-2022)

Table Global Vertical-cavity Surface Emitting Laser Production (Units) Forecast by Type (2017-2022)

Figure Global Vertical-cavity Surface Emitting Laser Production (Units) Forecast by Type (2017-2022)

Table Global Vertical-cavity Surface Emitting Laser Revenue (Million USD) Forecast by Type (2017-2022)

Figure Global Vertical-cavity Surface Emitting Laser Revenue Market Share Forecast by Type (2017-2022)

Table Global Vertical-cavity Surface Emitting Laser Price Forecast by Type (2017-2022)

Table Global Vertical-cavity Surface Emitting Laser Consumption (Units) Forecast by Application (2017-2022)

Figure Global Vertical-cavity Surface Emitting Laser Consumption (Units) Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Source

I would like to order

Product name: Global Vertical-cavity Surface Emitting Laser Market Research Report 2017

Product link: <https://marketpublishers.com/r/G717F452663WEN.html>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G717F452663WEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970